

CLAIMS

1. A cleaning composition comprising a multiple emulsion system, wherein said emulsion system comprises at least two active ingredients separated in the emulsion system by an oily or aqueous phase.
2. A composition as claimed in claim 1, wherein when said emulsion system is in use as a cleaning composition, then the at least two active ingredients previously held in separate phases of said system are brought into contact with each other.
3. A composition as claimed in either one of claims 1 and 2, wherein said emulsion system is of the oil-in-water-in-oil (o/w/o) type or the water-in-oil-in-water (w/o/w) type.
4. A composition as claimed in claim 3, wherein said system is of the (w/o/w) type.
5. A composition as claimed in any one of claims 2 to 4, wherein said active ingredients are brought together by a trigger.
6. A composition as claimed in any preceding claim, wherein the effective stabilisation of said emulsion system is by a particulate moiety.
7. A composition as claimed in claim 6, wherein said moiety is capable of exhibiting more than one degree of hydrophobicity.

8. A composition as claimed in claim 7, wherein said moiety is functionalised silica.
9. A composition as claimed in claim 7, wherein said moiety is less than 30 nm in mean diameter.
10. A composition as claimed in any preceding claim, wherein said active ingredients are moieties which have a positive effect on the performance of the system as a cleaning composition.
11. A composition as claimed in any preceding claim, wherein said active ingredients are selected from the group comprising colour molecules/dyes, bleaches, bleach activators, oxidising agents, reducing agents, enzymes, catalysts, peroxides, acidic moieties, acid-stabilised moieties, alkaline moieties, alkaline-stabilised moieties, chlorites, hypochlorites, monomers, cross-linking agents, foam-forming moieties, de-foaming moieties, surfactants, surfactant precursors, and fragrances/malodour combaters.
12. A composition as claimed in any preceding claim, wherein the oily phase of a (w/o/w) emulsion system or the aqueous phase of a (o/w/o) emulsion system comprises an active ingredient as defined in claim 11.
13. A composition as claimed in any preceding claim for use in non-cosmetic, household cleaning duties.

14. A composition as claimed in any preceding claim for use as a hard surface cleaner or a fabric surface cleaner.
- 5 15. A composition as claimed in any preceding claim, wherein said composition is antimicrobial.
16. A composition as claimed in claim 1, wherein two active ingredients are separated in the emulsion system.
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17. A composition as described hereinbefore with particular reference to the examples and drawings.
- 15 18. Use of a multiple emulsion system as a cleaning composition, wherein said emulsion system is defined in any one of claims 1 to 17.
19. A method of cleaning a surface, the method comprising the use of a cleaning composition as claimed in any one of claims 1 to 17.
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